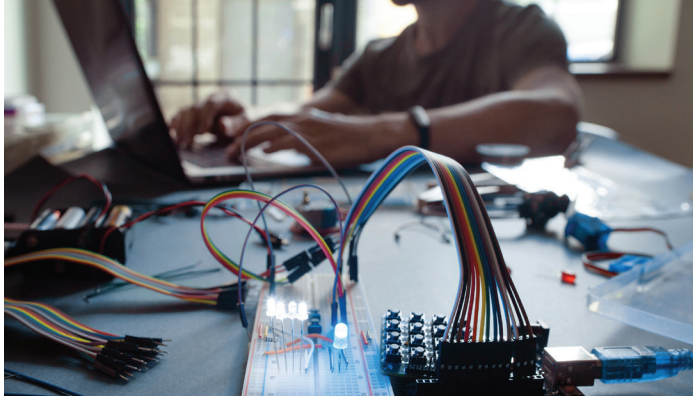


# Electronics Technician Fundamentals

PROGRAM CODE: 30-605-1

TD

Technical Diploma



COURSE	CREDITS
QETECH-200 Fundamentals of Engineering .....	3
ELCTEC-110 DC/AC Electronics 1 ‡ .....	4
ELCTEC-130 Digital Electronics ‡.....	3
MATH-115 College Technical Mathematics 1 ‡ .....	5
ELCTEC-111 DC/AC Electronics 2 ‡ .....	3
ELCTEC-120 Electronic Devices ‡.....	4
ELCTEC-140 Microprocessors ‡.....	3

## CREDITS

Total credits needed to complete this diploma

25

**Location:** Downtown Milwaukee Campus**Start Dates:** August and January**Admission Requirement:** High school diploma or GED, one year of high school-level geometry and one year of high school-level algebra, or equivalent**Financial Aid Eligible:** Yes.Apply at [fafsa.gov](https://fafsa.gov). Use School Code 003866.**Program Description**

Gain the core competencies of electronics, such as DC/AC principles, digital electronics and microprocessors, through coursework that emphasizes hands-on learning. These skills provide entry-level opportunities for employment or the base knowledge to pursue further education in electronics.

**Career Outlook**

Electronics is a rapidly changing field, with jobs in many sectors of industry.

**Program Learning Outcomes**

- Apply the practical and theoretical foundations of electronics technology to solve problems.
- Integrate and repair electronic circuits and systems.
- Apply critical thinking skills necessary to install and maintain electronic systems and equipment.
- Write technical reports and process documentation.

**Complete Program Details****QUESTIONS?** 414-297-6319 or [stempathway@matc.edu](mailto:stempathway@matc.edu)

‡ Prerequisite required.

Program curriculum requirements are subject to change.

**Current MATC students should consult their Academic Program Plan for specific curriculum requirements.**